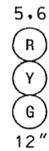
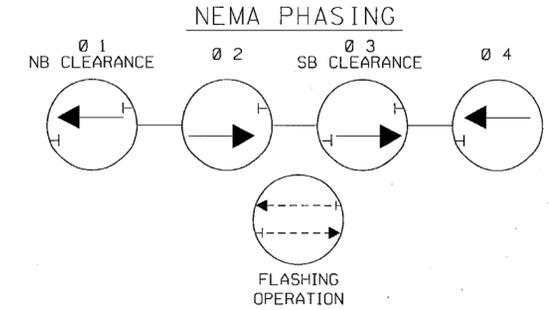
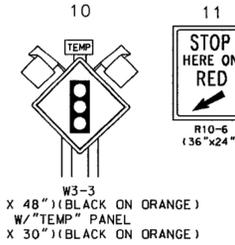


PROPOSED SIGNAL HEADS

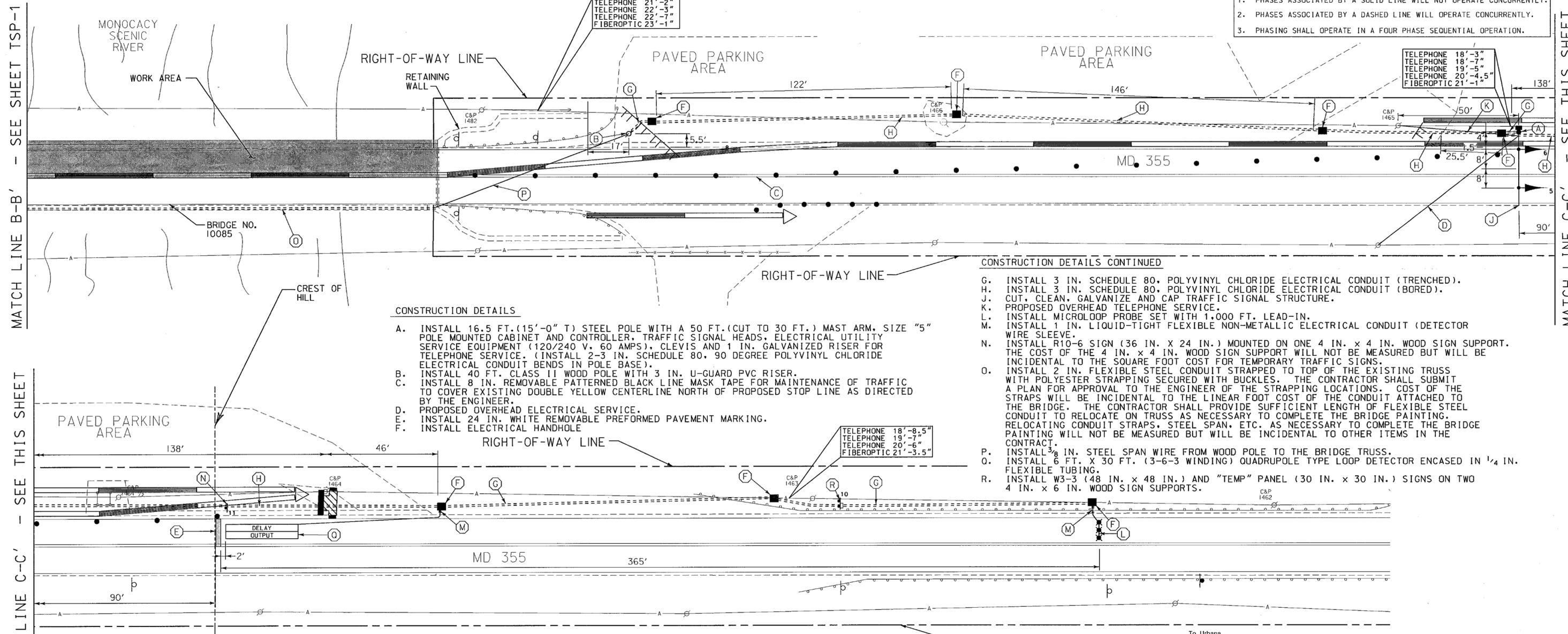


PROPOSED SIGNS



- PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
 3. PHASING SHALL OPERATE IN A FOUR PHASE SEQUENTIAL OPERATION.

MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



CONSTRUCTION DETAILS

- INSTALL 16.5 FT. (15'-0" T) STEEL POLE WITH A 50 FT. (CUT TO 30 FT.) MAST ARM. SIZE "5" POLE MOUNTED CABINET AND CONTROLLER, TRAFFIC SIGNAL HEADS, ELECTRICAL UTILITY SERVICE EQUIPMENT (120/240 V, 60 AMPS), CLEVIS AND 1 IN. GALVANIZED RISER FOR TELEPHONE SERVICE. (INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
- INSTALL 40 FT. CLASS II WOOD POLE WITH 3 IN. U-GUARD PVC RISER.
- INSTALL 8 IN. REMOVABLE PATTERNED BLACK LINE MASK TAPE FOR MAINTENANCE OF TRAFFIC TO COVER EXISTING DOUBLE YELLOW CENTERLINE NORTH OF PROPOSED STOP LINE AS DIRECTED BY THE ENGINEER.
- PROPOSED OVERHEAD ELECTRICAL SERVICE.
- INSTALL 24 IN. WHITE REMOVABLE PREFORMED PAVEMENT MARKING.
- INSTALL ELECTRICAL HANDHOLE

CONSTRUCTION DETAILS CONTINUED

- INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE.
- PROPOSED OVERHEAD TELEPHONE SERVICE.
- INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN.
- INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- INSTALL R10-6 SIGN (36 IN. X 24 IN.) MOUNTED ON ONE 4 IN. X 4 IN. WOOD SIGN SUPPORT. THE COST OF THE 4 IN. X 4 IN. WOOD SIGN SUPPORT WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO THE SQUARE FOOT COST FOR TEMPORARY TRAFFIC SIGNS.
- INSTALL 2 IN. FLEXIBLE STEEL CONDUIT STRAPPED TO TOP OF THE EXISTING TRUSS WITH POLYESTER STRAPPING SECURED WITH BUCKLES. THE CONTRACTOR SHALL SUBMIT A PLAN FOR APPROVAL TO THE ENGINEER OF THE STRAPPING LOCATIONS. COST OF THE STRAPS WILL BE INCIDENTAL TO THE LINEAR FOOT COST OF THE CONDUIT ATTACHED TO THE BRIDGE. THE CONTRACTOR SHALL PROVIDE SUFFICIENT LENGTH OF FLEXIBLE STEEL CONDUIT TO RELOCATE ON TRUSS AS NECESSARY TO COMPLETE THE BRIDGE PAINTING. RELOCATING CONDUIT STRAPS, STEEL SPAN, ETC. AS NECESSARY TO COMPLETE THE BRIDGE PAINTING WILL NOT BE MEASURED BUT WILL BE INCIDENTAL TO OTHER ITEMS IN THE CONTRACT.
- INSTALL 3/8 IN. STEEL SPAN WIRE FROM WOOD POLE TO THE BRIDGE TRUSS.
- INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- INSTALL W3-3 (48 IN. X 48 IN.) AND "TEMP" PANEL (30 IN. X 30 IN.) SIGNS ON TWO 4 IN. X 6 IN. WOOD SIGN SUPPORTS.

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. TRAFFIC SIGNAL OPERATION TO REMAIN THE SAME DURING STAGE 2 OF THE CLEANING AND PAINTING OF BRIDGE NO. 10085. SEE MAINTENANCE OF TRAFFIC PLANS.
3. ALL TRAFFIC SIGNAL EQUIPMENT (STEEL POLES, HANDHOLES, ETC.) SHALL BE REMOVED AT THE COMPLETION OF STAGE 2 CONSTRUCTION. ALL POLE FOUNDATIONS SHALL BE REMOVED 12 IN. BELOW GRADE. THE CONTRACTOR SHALL NOTIFY SHA TO REMOVE THE SIZE "5" CONTROLLER CABINET, "G" SIZE CONTROLLER CABINET AND ALL AUXILIARY EQUIPMENT WITHIN.
4. THE CONTRACTOR SHALL NOT CUT MAST ARM AS INDICATED ON PLANS UNTIL MAST ARM POLE LOCATION IS FINALIZED.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	SS
STORM DRAIN	SD
WATER	W
CABLE TV	TV

WR&A
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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 355 BRIDGE NO. 10085 OVER MONOCACY RIVER

DRAWN BY: B. DONOWAY	F.A.P. NO.	TS NO.	SHEET NO.
CHECKED BY: N. LEARY	S.H.A. NO. FR4345180	10012	
SCALE: 1" = 20'	COUNTY: FREDERICK	T.I.M.S. NO.	3 OF 8
DATE: 9/18/2003	LOG MILE: 1003501.55	F876	